

IN THE CLAIMS

Please amend the claims as follows:

Claim 1 (Currently Amended): A glass ~~having~~ comprising at least one type of alkali metal ion, an alkali-metal-ion concentration gradient from its surface over an exchange depth of at least 100 μm , a surface stress of at least 200 MPa and a strain point in the core of at least 550°C.

Claim 2 (Currently Amended): The glass of claim 1 ~~as claimed in the preceding claim, characterized in that it has~~ wherein the glass comprises an interdiffusion coefficient, at 400°C, of the alkali metal ions exchanged, of at most $9 \times 10^{-17} \text{ m}^2 \cdot \text{s}^{-1}$.

Claim 3 (Currently Amended): The glass of claim 2 ~~as claimed in one of the preceding claims, characterized in that~~ wherein the ratio of the interdiffusion coefficient, at 490°C, of the exchanged alkali metal ions, to the interdiffusion coefficient, at 400°C, of the exchanged alkali metal ions, is at least 20 : 1.

Claim 4 (Currently Amended): The glass of claim 1 ~~as claimed in one of the preceding claims, characterized in that the~~ wherein the glass comprises an interdiffusion coefficient, at 490°C, of the exchanged alkali metal ions, ~~[[is]]~~ of less than $2 \times 10^{-15} \text{ m}^2 \cdot \text{s}^{-1}$.

Claim 5 (Currently Amended): The glass of claim 1 ~~as claimed in one of the preceding claims, characterized in that~~ wherein the strain point in the core is at least 570°C.

Claim 6 (Currently Amended): The glass of claim 1 ~~as claimed in one of the preceding claims, characterized in that~~ wherein the at least one type of alkali metal ion is

selected from the group consisting of the exchange ions are chosen from Na⁺, Li⁺, K⁺ and combinations thereof.

Claim 7 (Currently Amended): The glass of claim 1 ~~as claimed in one of the preceding claims, characterized in that~~ wherein the exchange depth of alkali metal ion exchange is at most 300 µm.

Claim 8 (Currently Amended): The glass of claim 1 ~~as claimed in one of the preceding claims, characterized in that it~~ wherein the glass meets the EN 60335-2-6 standard.

Claim 9 (Currently Amended): ~~A pane comprising the glass of one of the preceding claims~~ The glass of claim 1, in the form of a pane.

Claim 10 (Currently Amended): The pane of claim 9 ~~as claimed in the preceding claim, characterized in that its~~ wherein the thickness of the pane ranges from 2 to 7 mm.

Claim 11 (Currently Amended): The pane of claim 9 ~~as claimed in the preceding claim, characterized in that its~~ wherein the thickness of the pane ranges from 2.8 to 5 mm.

Claim 12 (Currently Amended): A door comprising the glass pane of claim 9 ~~or the pane of one of the preceding claims.~~

Claim 13 (Currently Amended): The door of claim 12 ~~as claimed in the preceding claim,~~ comprising hinges directly incorporated into said the pane.

Claim 14 (Currently Amended): The door of claim 12 ~~as claimed in one of the preceding door claims, characterized in that~~ wherein the border of the pane is protected by a seal.

Claim 15 (Currently Amended): A cooker or fire screen or flue insert, comprising the glass of claim 1 ~~or the pane or the door of one of the preceding claims.~~

Claim 16 (Currently Amended): An oven comprising ~~a door~~ the door of claim 12 ~~of one of the preceding door claims.~~

Claim 17 (Currently Amended): The oven of claim 16 ~~as claimed in the preceding claim, characterized in that it is of the~~ wherein the oven is a pyrolytic oven type.

Claim 18 (Currently Amended): A stove comprising ~~[[a]]~~ the door of claim 12 ~~one of the preceding door claims.~~

Claim 19 (Currently Amended): A method of separating ~~The use of a pane as claimed in one of the preceding pane claims for separating~~ two gaseous atmospheres at different temperatures, the first being at a temperature ranging from 300 to 530°C and the second being at a temperature at least 50°C below the first, comprising separating the two gaseous atmospheres with the pane of claim 9.

Claim 20 (Currently Amended): The method of claim 19 ~~use as claimed in the preceding claim, characterized in that~~ wherein the second gaseous atmosphere is at a temperature at least 100°C below the first.

Claim 21 (Currently Amended): The method of claim 20 ~~use as claimed in the preceding claim, characterized in that~~ wherein the second atmosphere is at room temperature.